

**SYSTEMS AND METHODS FOR CONTROLLED TRANSMITTANCE
IN A TELECOMMUNICATION SYSTEM**

ABSTRACT OF THE DISCLOSURE

- 5 [0102] Systems and methods for authenticating digital assets in relation to a telecommunications network. In various cases, the systems include a network interface device associated with a customer premises. The network interface device includes a local authentication authority operable to authenticate one or more digital assets maintained in relation to the customer premises. In some cases, a global authentication authority can
- 10 authenticate the network interface device, and implicitly authenticate the one or more digital assets. Many other cases and/or embodiments are disclosed herein.

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